Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 23 Aug 2023 until 23:59 on Thursday 24 Aug 2023

Forecast Issued on Wednesday 23 Aug 2023 at 00:07

Confidence: High confidence for the situation on Wedneday, with a cool showery theme developing on Thursday but low confidence with regards to their intensity and distribution

Headline for Wednesday 23 Aug 2023: Sunny spells and showers, then cloudy with outbreaks of rain.

Mountain weather hazards on Wednesday 23 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Cloudy	Cloudy	Fog
Precipitation probability					
10%	30%	20%	20%	20%	60%

Forecast for Wednesday 23 Aug 2023

Weather: A dry start to the day with patches of low cloud, mostly in the west, and sunny spells in the east. Cloud will tend to lift and break, allowing some sunny spells to develop and also a few drizzly showers. More cloudy conditions will spread in from the southwest during the afternoon, likely thick enough to produce a few outbreaks of light rain and drizzle.

Chance of cloud-free hill tops above 600m: 40% at first, increasing to 80% by mid to late morning. Decreasing to 40% later.

Low Cloud and visibility: Poor or very poor initially, mainly in the west, with patches of low cloud perhaps as low as 400m. The cloud will slowly lift, perhaps lingering on higher summits, the visibility becoming good or very good away from cloud. Visibility moderate to poor in any rain or showers. Cloud becoming more widespread down to 400m during the afternoon into the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 23 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 SW	12/17 SW	15/21 SW	14/20 SW	10/14 SW	7/10 S	12/17 S
300	5/13 SW	8/16 SW	10/19 SW	10/18 SW	6/11 SW	3/7 S	6/14 S
Valley	3/11 SW	7/15 SW	8/16 SW	9/17 SW	4/10 SW	3/10 SE	6/15 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	12/10	13/10	14/11	12/10	12/11	12/10
300	13/13	15/13	16/15	17/15	15/14	14/14	14/13
Valley	14/14	16/15	18/16	18/16	16/16	15/15	15/15
Freezing Level*	2200m	2200m	2400m	2600m	2800m	2800m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be moderate in sunnier spells, so sun protection is recommended. Deterioration in conditions later in the day, likely requiring good navigation skills at the end of the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 23 Aug 2023	5.4mm	5.6mm	5.6mm

Forecast for Thursday 24 Aug 2023

Weather: A dull and cloudy morning with outbreaks of rain and showers, perhaps briefly heavy at first. However, any rain and showers will clear southeast during the morning, giving way to brighter conditions and sunny spells in the afternoon. Feeling cooler than previous days.

Maximum wind: Westerly 15mph with gusts 20mph.

Chance of cloud-free hill tops above 600m: 10-20% early morning, but increasing to 90% in the afternoon.

Low Cloud and visibility: Banks of low cloud are expected to lie across the Dales on Thursday morning, with cloud as low as 300m, perhaps lower in the far west and in any drizzly outbreaks. There is low confidence about the clearance time, the cloud perhaps lingering until late morning whilst giving poor to very poor visibilities. Becoming generally good to very good in the afternoon.

Temperature: **Valleys:** Plus 13 Celsius becoming plus 19 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Above summits.

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